



Curriculum vitae

Europass

Personal Data

Name / Surname **VERNIC, VIOLETA CORINA**

E-mail cvernic@umft.ro, cvernic@yahoo.com,

Nationality Romanian

Gender Female

Job applied for / preferred job /studies applied for **University of Medicine and Pharmacy „Victor Babes” from Timisoara
Department of Functional Science; Medical Informatics and
Biostatistics Discipline
Education and research in the field of Medical Informatics and
Biostatistics**

Work experience

Period October 2009-present

Occupation or position held Associate Professor- Discipline of Medical Informatics and Biostatistics

Activities and main responsibilities Educational activity and scientific research

Employer's name and address UMF „Victor Babeş” ,Timișoara, P-ța Eftimie Murgu nr.2, 300041 Timișoara

Website: www.umft.ro

Activity type or domain of activity Higher education

Period July 2006- July 2009

Occupation or position held Associated analytical programmer

Activities and main responsibilities Scientific research

Employer's name and address Spitalul Clinic Județean de Urgență Timișoara, Bd. I. Bulbuca nr.156, 300736 Timișoara

Tel: 02 56 46 30 01 - Fax: 02 56 48 69 56

Website: <http://www.hosptm.ro>

Activity type or domain of activity Medical statistics; hospital's department of medical statistics

Period	February 2002- october 2009
Occupation or position held	Lecturer -Discipline of Medical Informatics and Biostatistics
Main activities and responsibilities	Educational activity and scientific research
Employer's name and address	UMF „Victor Babeş” ,Timișoara, P-ța Eftimie Murgu nr.2, 300041 Timișoara Website: www.umft.ro
Activity type or domain of activity	Higher education
Period	February 1994- February 2002
Occupation or position held	Assistant Professor -Discipline of Medical Informatics and Biostatistics
Main activities and responsibilities	Educational activity and scientific research
Employer's name and address	UMF „Victor Babeş” ,Timișoara, P-ța Eftimie Murgu nr.2, 300041 Timișoara Tel: 02 56 22 04 79 - Fax: 02 56 22 04 79 - E-mail: scr-stin@umft.ro Website: http://www.umft.ro
Main activities and responsibilities	Educational activity and scientific research
Period	June 1990- February 1994
Occupation or position held	analytical programmer
Employer's name and address	Spitalul Clinic Județean de Urgență Timișoara, Bd. I. Bulbuca nr.156, 300736 Timișoara Tel: 02 56 46 30 01 - Fax: 02 56 48 69 56 Website: http://www.hosptm.ro
Main activities and responsibilities	Programming and scientific research
Education	
Period	September 2009 – February 2011
Qualification / achieved diploma	Master Diploma
Main studied disciplines/ Achieved profesional qualifications	Sanitary Management, Bioinformatics and Biostatistics
Name and type of educational institution	University of Medicine and Pharmacy,„GR.T.POPA” Iasi
Level in the national or international classification	ISCED 5A

Period	September 1997 – September 2002
Qualification / achieved diploma	PHD in Mathematics
Main studied disciplines/ Achieved profesional qualifications	Analytical methods for the study of biodynamical systems
Name and type of educational institution	West University from Timisoara
Level in the national or international classification	ISCED 6
Period	September 1984 – June 1989
Qualification / achieved diploma	Mathematics, Informatics
Main studied disciplines/ Achieved profesional	Mathematical analysis, geometry, algebra, differential equations, computer science basics, data operating and teleprocessing systems, probability calculations and mathematical statistics, operational research, formal languages and compilation techniques, data structures and databases, algorithm theory, numerical analysis , pedagogy and pshihology
Name and type of educational institution	University of Timisoara, Faculty of Natural Sciences, Mathematics profile, Computer Science Specialization
Level in the national or international classification	ISCED 5
Period	June 19 1993 – 3 July 1993
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved profesional qualifications	Fifth Cambridge Seminar on the Epidemiology and Public Health Aspects of Diabetes Mellitus
Name and type of educational institution	University of Cambridge, England
Level in the national or international classification	ISCED 5A
Period	(13-17)May 1996
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved profesional qualifications	The analysis of Follow-up Studies
Name and type of educational institution	University of Pavia, Italy

Level in the national or international classification	ISCED 5A
Period	October 2000
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved profesional qualifications	International Course in Applied Epidemiology
Name and type of educational institution	The Rollins School of Public Health at Emory University and The Centers for Disease Control and Prevention, Atlanta, Georgia, USA
Level in the national or international classification	ISCED 5A
Period	August 2004
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved profesional qualifications	Statistical Methods for planning and Analysis of equivalence / non-inferiority Trials
Name and type of educational institution	University Medical Center Leiden, the Netherlands
Level in the national or international classification	ISCED 5A
Period	August 2005
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved profesional qualifications	Analysis of non-compliance in clinical trials
Name and type of educational institution	26 th Annual Conference of the ISCB, Szeged, Hungary
Level in the national or international classification	ISCED 5A
Period	(22-24)October 2010
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved profesional qualifications	Resampling methods (with R)

Name and type of educational institution	„Alexandru Ioan Cuza” University of Iasi, Faculty of Computer Science
Level in the national or international classification	ISCED 5A
Period	(6-8) April 2011
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved professional qualifications	Adaptive and sequential procedures for clinical trials
Name and type of educational institution	„Alexandru Ioan Cuza” University of Iasi, Faculty of Computer Science
Level in the national or international classification	ISCED 5A
Period	(15-16) April 2011
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved professional qualifications	Microsoft Project Advanced
Name and type of educational institution	UMF „Victor Babeş” ,Timișoara
Level in the national or international classification	ISCED 5A
Period	(18-20) June 2012
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved professional qualifications	Statistical Methods for Clinical Trials
Name and type of educational institution	„Alexandru Ioan Cuza” University of Iasi, Faculty of Computer Science
Level in the national or international classification	ISCED 5A
Period	(10-11) September 2012
Qualification / achieved diploma	Specialisation course

Main studied disciplines/ Achieved profesional qualifications: Statistical Genomics for Medical Research

Name and type of educational institution: „Alexandru Ioan Cuza” University of Iasi, Faculty of Computer Science

Level in the national or international classification: ISCED 5A

Period: (6-8) Noiembrie 2014

Qualification / achieved diploma: Specialisation course

Main studied disciplines/ Achieved profesional qualifications: Statistical Perspective in Medicine and Pharma Industry

Name and type of educational institution: University of Medicine. „Lucian Blaga” University Sibiu

Level in the national or international classification: ISCED 5A

Period: (1-2) October 2015

Qualification / achieved diploma: Specialisation course

Main studied disciplines/ Achieved profesional qualifications: Biostatistical Analysis in Epidemiological Research

Name and type of educational institution: University of Medicine. „Lucian Blaga” University Sibiu

Level in the national or international classification: ISCED 5A

Known foreign languages

Autoevaluation

European level (*)

English

French

Understanding		Speech		Writing
Listening	Reading	Conversation	Oral presentation	Written expression
B2	B2	B2	B2	B2
B2	B2	B1	B1	B2

Competences and social skills	Teamwork, peer dynamics, effective written and oral communication skills
Organisational /managerial skills	<p>Managerial skills– graduated management master</p> <p>Teamwork, ability to find solutions, good organizer</p> <p>2011 EFMI Representative, IMIA of Romania on Nursing Informatics</p> <p>Participation to meetings IMIA-NI, as representative of Romania:</p> <ul style="list-style-type: none"> - 24 March 2011 IMIA – NI General Assembly, Madeira, Funchal, Portugal - 26 June 2016 IMIA – NI General Assembly, Geneva, Switzerland - 19-20 October 2017 IMIA – NI General Assembly - 5 June 2018 IMIA – NI General Assembly Guadalajara, Mexico - 30 August 2019 IMIA – NI General Assembly – virtual - 1 September 2021 - IMIA – NI General Assembly – virtual <p>ISCB – coordinator of Timisoara 2010- present</p> <p>Secretary of National Committee of Medical Informatics – 2015-present</p> <p>Vice President of the Romanian Society of Medical Informatics -2020-present</p> <p>-Member in the organising committee of conferences “Statistical Perspective in Medicine and Pharma Industry” 6-8 November Sibiu 2014</p> <p>-Member in the organising committee of conferences "Biostatistical Analysis in Epidemiological Research" 1-2 October 2015</p> <p>Member in the organising committee of conferences : – Medical Informatics 2021, 2019, 2017, 2012, 2010, 2006, 2002, 1993; -National Course of Guidelines and Protocols in Anesthesiology , Intensive Care and Urgencies 2012, 2011, 2010, 2009, 2008, 2007, 2006.</p> <p>1995-2015 Honorary Deputy Secretary for Organizational Affairs of the Timisoara Branch of the Academy of Medical Sciences</p>
Computer skills	<p>Operating and programming skills of PC.</p> <p>Advanced user of Microsoft Office and SPSS, Epi Info, OpenEpi, R, Stata</p>
Other job related skills	Creativity for analysis and synthesis
Driving license	Category B - 2000

Additional information**Participation in research projects:**

CNCSIS 2003 - Assessing the extent of risk behaviors in high school and youth education teachers , high school and university in Timis County; 2003-2005

VIASAN 2004 - Bio-View Software for biological processes simulation with medical; 2004-2006

CNCSIS 2005 - The benefit of comprehensive cardiac recovery of patients with coronary artery bypass graft on endothelial dysfunction - correlative study of polymorphism of endothelial synthetase; 2005-2006

CEEX 2006 - The impact of functional foods to combat obesity and atherosclerosis

– ANTIATERO-ALIM; 2006-2008

CEEX 2006 - Molecular mechanisms involved in preconditioning by volatile anesthetics : the identification of molecular targets in rat myocardium to specifying protective mechanisms in human myocardium; 2006-2008

PN II- P42007 - Protocols innovative minimally invasive and noninvasive monitoring : from experimental animal model in vivo to clinical impact assessment; – PROTONEOMING; 2007-2010

PN II- P42008 - New strategies in the management of donor organs : protocol optimization heart and kidney sampling through pharmacological preconditioning with anesthetic agents – TRANACONDA; 2008-2011

PN II- Capacities - Romania - Hungary bilateral project - epidemiological modeling of human papillomavirus infection as a risk factor in cervical cancer in Csongrád and Timis - CSOTI-HPV; 2008-2009

POSDRU/155/1.2/S/141134- Project co-financed by the European Social Fund through the Sectoral Operational Program Human Resources Development 2007-2013. „Methodological framework regarding the recognition and equivalence of professional competencies acquired formally, informally or informally by nurses who have not completed undergraduate studies. Ministry of Education. Seminar organized in June 2015. SRATI 2016 - Research grant director - Development of national registers in the field of extracorporeal techniques for vital functions, grant funded by the Romanian Society of Anesthesia and Intensive Care; 2016-2018.

<https://www.srati.ro/departamentul-de-educatie-medicala-si-cercetare/granturi-srati>

Member of national and international Societies :

EASD (European Association of Diabetes Mellitus) no.940121: 1994-1997

IEA (International Epidemiology Association) - no.10194146: 1996-2001, 2004-2009, 2010 - present

SRIM (Romanian Society of Medical Informatics): 1990- present

EFMI, IMIA (de la afilierea cu SRIM): 1994-present

SISPR (Society for Hygiene and Public Health in Romania): 2007-present
ISCB (International Society for Clinical Biostatistics) – Romanian National group ISCB – 2003-2008, 2010 - present
ACENDIO (Association for Common European Nursing Diagnoses, Interventions and Outcomes: 2011 - 2013
ANIA – CARING (Connecting, Sharing and Advancing Nursing Informatics): 2011 – 2018
SRATI (Romanian Society of Anesthesiology and Intensive Care Unit): 2016 - present

Member of the editorial board of the journals:

2006: Consultant in statistics - Journal of Hygiene and Public Health

<http://revistaigiena.umft.ro/redactie.html>

2010: Scientific referentof: Anals.Informatics. Tibiscus

http://anale-informatica.tibiscus.ro/?page=05_colegiuderedactie&lang=en

2012 - Statistical Consultant of ROMANIAN JOURNAL of ANAESTHESIA and INTENSIVE CARE, <http://www.jurnalul-anestezie.ro/editorial-board/>

2018: Editorial Advisory Board la Central European Journal of Clinical Research, <https://content.sciendo.com/view/journals/cejcr/cejcr-overview.xml>

Scholarships

-- Following a selection process, I received a scholarship to attend the 15th International Diabetes Federation Congress, Kobe and Himeji, Japan, November 6-11, 1994.- I obtained a scholarship from the Atlanta International Health Fellowship to participate in the International Course in Applied Epidemiology organized by CDC Atlanta and the Emory University Rollins School of Public. Health October 2-27, 2000 and a scholarship to attend the Fifth Cambridge Seminar on the Epidemiology and Public Health Aspects of Diabetes Mellitus Cambridge, England, June 19-July 3, 1993.- I obtained after a selection process based on the list of works and the CV a scholarship offered by the Istituto di Scienze Sanitarie Applicate to participate in the course "The analysis of follow-up studies" organized by the Universita degli Studi di Pavia during May 13-17, 1996.- I also received a scholarship to the International Conference on Clinical Biostatistics ISCB in 2002 in Dijon, France.

Anexe Books , monographs and chapters from books (selection):

Vernic C. *Interpretative Mathematics Curs.* Eurobit, ISBN 973-620-062-0, 2003: 1 – 142.

Vernic C. *Analytical methods for the study of biodynamic systems .* Editura Augusta, ISBN973-695-107-3, Timisoara, 2004:1–143.

Vernic C, Tamas P, Vernic R, Kigyosi A. *Medical Informatics . Applications in Spa - physiokinetotherapy and Recovery,* Editura Eurobit, Timișoara, 2007: 1-144.

Vlaicu B, Petrescu C, Fira-Mladinescu C, Fira-Mladinescu O, Ursoniu S, Putnoky S, **Vernic C,** Suci O, Vlaicu S, Silberberg K, Korbuly B, Ciobanu V, Caraion C, Radu I, Mancas S, Moldovan R, Petrescu P. *Risk behavior in adolescents in Timis county,* Editura Eurobit, Timisoara, 2007: 1-238.

Vernic CV, Mihalas GI, Apostol SA, Catu CO, Mada L, Tudor A. *Applied Medical Informatics and recovery in physiokinetotherapy.* Editura Victor Babes, ISBN 978-606-92023-1-9, 2009:1-155.

Vernic CV, Mada L, Lungeanu D, Muntean C, Apostol SA, Catu CO, Ursoniu S. *Practical application of Medical Informatics and Biostatistics.* Editura Victor Babes, ISBN978-606-8054-09-4, 2010:1-229.

Vernic CV, Timar B, Mada L. *Informatics and Biostatistica in Nursing.* Editura Eurostampa, ISBN 978-606-569-705-8, Colectia Pantanassa, 2013: 1-230.

Vernic CV, Timar B, Mada L, Apostol SA. *Medical Informatics and methods of applied biostatics methods in nursing.* Editura Eurostampa, ISBN 978-606-569-707-2, Colectia Derzelas, 2014:1-388.

Vernic CV, Timar B, Mada L, Apostol SA. *Notions of Medical Informatics si biostatic Approach in nursing.* Editura Eurostampa, ISBN 978-606-32-0152-3, Colectia Derzelas, 2015:1-282.

Vernic CV, Apostol SA, Frandes M, Mada L, Lungeanu D. *Practical Application of Informatics and Biostatics in Nursing.* DVD, Editura Eurostampa, ISBN 978-606-32-0487-6, Colectia Derzelas, 2017:1-216. <http://www.eurostampa.ro/>

Vernic CV, Frandes M, Tudor A, Apostol SA, Voicu A, Serban C, Muntean C, Timar B, Lungeanu D. *Prelucrarea datelor biomedicale. Aplicatii practice.* DVD, Editura Eurostampa, ISBN 978-606-32-0574-3, Colectia Derzelas, 2018:1-350. <http://www.eurostampa.ro>

Vernic CV, Apostol SA. *Application of Medical Informatics in Nursing.* Editura Eurostampa, , Colectia Derzelas, 2019:1-238 , ISBN 978-606-32-0820-1. <http://www.eurostampa.ro/>

ISCB Conference Award for Scientists for papers:

Vernic C, Ivan V, Tamas TP. *Late potentials in acute myocardial infarction: survival analysis.* In *Book of abstracts. Editors Mike Kenward, Giota Touloumi.* 28th Annual Conference of the International Society for Clinical Biostatistics, Alexandroupolis, Grecia, 29 July-2 August, 2007:223.

Vernic C, Ursoniu S. *Multivariate analysis of the factors involved in smoking and drinking in an adolescent population.* In: *Abstract book.* The 26th Annual Conference of the International Society for Clinical Biostatistics, Szeged, Hungary, 21-25 August, 2005:182

Vernic C, Ursoniu S, Lavaei M. Logistic Regression modeling for risk behaviours in high school students from Timisoara. In: *Abstract book*. Annual Conference The International Society for Clinical Biostatistics 25th, 15-19 August Leiden, The Netherlands, 2004: 198.

Awards in country:

Prize III – The best e-Poster:

Rogobete AF, Bedreag OH, Cradigati CA, Sarandan M, **Vernic C**, Gruneantu A, Papurica M, Luca L, Sandesc M, Sandesc D. The modifies of the lipidic profile in the critically ill trauma patient. The modulation of the redox expression by administrating of the antioxidants. A prospective study SRATI 2016, 11-15 mai 2016.

Prize II – The best e-Poster:

Luca L, Bedreag O, Patrut R, Sarandan M, Cradigati AC, Papurică M , Rogobete AF, RosuOM, **VernicC**, SandescD.

The monitorization of the intracranial pressure (ICP) at the polytraumatized patient. The influence of optimization in the intensive therapy depending on the ICP parameters on the clinical table of critical patients. SRATI 2015, 13-17 mai 2015.

Published papers 504 – communications, summary, extenso, BDI, ISI.

h-index Web of Science : 12

h-index Scopus: 12

h-index Google Scholar: 15